

L Number	Hits	Search Text	DB	Time stamp
-	16	"5637539"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 19:12
-	304	Jin-sungho.in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 20:03
-	1	Jin-sungho.in. and (microtube)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 20:21
-	0	20040075379.URPN.	USPAT	2004/05/12 20:20
-	13	Jin-sungho.in. and (vacuum adj tube)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 20:21
-	12	(Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 20:22
-	8	((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 20:57
-	1	((((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)) and (substrate and (spac\$4 or distance))) and (tunable or adjust\$4)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 20:23
-	8	((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)) and (substrate and (spac\$4 or distance))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 20:24
-	1	"5637539" and (anode and cathode and gate)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 20:57
-	7	microtube and (anode and cathode and gate)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 21:01
-	6	(microtube and (anode and cathode and gate)) not ((Jin-sungho.in. and (microtube)) (Jin-sungho.in. and (vacuum adj tube)) (((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)) (((((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)) and (substrate and (spac\$4 or distance))) and (tunable or adjust\$4)) ((((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)) and (substrate and (spac\$4 or distance))) ("5637539" and (anode and cathode and gate)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 20:58
-	16	microtube and (anode and cathode and (grid or gate))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 21:21

-	9	(microtube and (anode and cathode and (grid or gate))) not ((Jin-sungho.in. and (microtube)) (Jin-sungho.in. and (vacuum adj tube)) (((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)) (((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)) and (substrate and (spac\$4 or distance))) (((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)) and (substrate and (spac\$4 or distance))) and (tunable or adjust\$4)) ("5637539" and (anode and cathode and gate)) (microtube and (anode and cathode and gate)) not ((Jin-sungho.in. and (microtube)) (Jin-sungho.in. and (vacuum adj tube)) (((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)) (((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)) and (substrate and (spac\$4 or distance))) and (tunable or adjust\$4)) (((Jin-sungho.in. and (vacuum adj tube)) not (Jin-sungho.in. and (microtube))) and (anode and cathode and gate)) and (substrate and (spac\$4 or distance))) ("5637539" and (anode and cathode and gate))))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 21:02
-	0	(((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4)) and ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))).ti.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 21:25
-	0	(((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4)) and ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 21:25
-	0	(((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4)) and ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ab.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 21:25

-	1	(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4)) and ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).clm.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/12 21:25
-	313	(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4)) and ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).clm.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/13 12:18
-	16	(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4)) and ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).clm.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/13 11:39
-	297	(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) not ((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4)) and ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/13 11:39
-	6	(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/13 12:19
-	1	(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) not ((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4))) and resilient and actuator	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/13 12:00

-	1	((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti.) and resilient and actuator	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/13 12:00
-	14	(((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) not (((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4)) and (resilient)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/13 12:12
-	13	(((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) not (((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4)) and (resilient)) not (((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/13 12:12

-	12	(((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) not ((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4))) and (resilient)) not ((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti)) not ((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) not ((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) and (tunable or adjustable or movable)) and emitter and substrate and (stretch\$4 or compress\$4))) and resilient and actuator) (((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti.) and resilient and actuator))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/13 12:12
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-	1	"wo 9844529"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 14:37
-	14	((("4307507") or ("4851254") or ("5580827") or ("5270258") or ("4964946") or ("5038070") or ("5126287") or ("5129850") or ("5138237") or ("5202571") or ("5221221") or ("5438343") or ("5354714") or ("5249340") or ("5354714"))).PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 15:13
-	1374	((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 14:44
-	1485	((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 14:43
-	14682	((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 14:46
-	1374	((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube))) and ((anode and cathode and (grid or gate)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 14:47
-	448	(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube))) and ((anode and cathode and (grid or gate)))) and ((anode or cathode or (grid or gate)) with (tunable or turnable or adjust\$4 or mov\$5))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 15:12
-	86	(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube))) and ((anode and cathode and (grid or gate)))) and ((anode or cathode or (grid or gate)) with (tunable or turnable or adjust\$4 or mov\$5))) and (resilient or spring or flexible)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 15:37
-	9	((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube))) and ((anode and cathode and (grid or gate)))) and ((anode or cathode or (grid or gate)) with (tunable or turnable or adjust\$4 or mov\$5))) and (resilient or spring or flexible)) and (resilient)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 14:48
-	6	(US-6538367-\$ or US-5796211-\$ or US-5625250-\$ or US-6690178-\$ or US-5872422-\$).did. or (EP-1184888-\$).did.	USPAT; EPO	2004/05/18 14:49
-	9	((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube))) and ((anode and cathode and (grid or gate)))) and ((anode or cathode or (grid or gate)) with (tunable or turnable or adjust\$4 or mov\$5))) and (resilient or spring or flexible)) and (resilient)) not ((US-6538367-\$ or US-5796211-\$ or US-5625250-\$ or US-6690178-\$ or US-5872422-\$).did. or (EP-1184888-\$).did.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 14:50

-	77	(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube))) and ((anode and cathode and (grid or gate)))) and ((anode or cathode or (grid or gate)) with (tunable or turnable or adjust\$4 or mov\$5))) and (resilient or spring or flexible)) not (((US-6538367-\$ or US-5796211-\$ or US-5625250-\$ or US-6690178-\$ or US-5872422-\$).did. or (EP-1184888-\$).did.) ((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube))) and ((anode and cathode and (grid or gate)))) and ((anode or cathode or (grid or gate)) with (tunable or turnable or adjust\$4 or mov\$5))) and (resilient or spring or flexible)) and (resilient)) not ((US-6538367-\$ or US-5796211-\$ or US-5625250-\$ or US-6690178-\$ or US-5872422-\$).did. or (EP-1184888-\$).did.)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 14:50
-	16	(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube))) and ((anode and cathode and (grid or gate)))) and ((anode or cathode or (grid or gate)) with (tunable or turnable or adjust\$4 or mov\$5))) and (resilient or spring or flexible)) not (((US-6538367-\$ or US-5796211-\$ or US-5625250-\$ or US-6690178-\$ or US-5872422-\$).did. or (EP-1184888-\$).did.) ((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube))) and ((anode and cathode and (grid or gate)))) and ((anode or cathode or (grid or gate)) with (tunable or turnable or adjust\$4 or mov\$5))) and (resilient or spring or flexible)) and (resilient)) not ((US-6538367-\$ or US-5796211-\$ or US-5625250-\$ or US-6690178-\$ or US-5872422-\$).did. or (EP-1184888-\$).did.))) and (vacuum near3 device)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 14:54
-	0	20040067602.URPN.	USPAT	2004/05/18 14:52
-	5	("6069599" "6411020" "6103305" "4149076" "6849125").PN	US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 14:59
-	9	("20020158342" "20030034244" "20030071246" "20040023075" "2004005411" "6525461" "	US-PGPUB; EPO; JPO; IBM_TDB	2004/05/18 14:59
-	14	("5583393" "5773921" "5872422" "5973444" "6057637" "6097138" "6250984" "6278231" "6283812" "6286226" "6297063" "6297592" "6322713" "6340822").PN.	USPAT	2004/05/18 15:03
-	6	("5747926" "5773921" "5786656" "5818153" "5831378" "5973444").PN.	USPAT	2004/05/18 15:05
-	8	("4041346" "4272699" "4301369" "5395774" "5583393" "5726524" "5773921" "5872422").PN.	USPAT	2004/05/18 15:06

[illegible]

-	657	<p>(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) ((vacuum near2 tube near device) or nanotube or microtube or (vacuum near2 tube) and (gate or grid) and substrate and (tunable or adjustable or mov\$5)) (((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti.))) and amplifier) and (vacuum with tube)) and (anode and cathode and (gate or grid))</p>	<p>USPAT; US-PGPUB; EPO; JPO; IBM_TDB</p>	<p>2004/05/19 18:46</p>
-	398	<p>(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) ((vacuum near2 tube near device) or nanotube or microtube or (vacuum near2 tube) and (gate or grid) and substrate and (tunable or adjustable or mov\$5)) (((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti.))) and amplifier) and (vacuum with tube)) and (anode and cathode and (gate or grid))) and (resilient or spring or tunable or adjustable or mov\$5)</p>	<p>USPAT; US-PGPUB; EPO; JPO; IBM_TDB</p>	<p>2004/05/19 18:47</p>
-	89	<p>(((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) ((vacuum near2 tube near device) or nanotube or microtube or (vacuum near2 tube) and (gate or grid) and substrate and (tunable or adjustable or mov\$5)) (((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti.))) and amplifier) and (vacuum with tube)) and (anode and cathode and (gate or grid))) and (resilient or spring or tunable or adjustable or mov\$5)) and (substrate and emitter)</p>	<p>USPAT; US-PGPUB; EPO; JPO; IBM_TDB</p>	<p>2004/05/19 18:47</p>

-	14	((((((((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) not ("5637539" Jin-sungho.in. (microtube and (anode and cathode and (grid or gate)))) ((vacuum near2 tube near device) or nanotube or microtube or (vacuum near2 tube) and (gate or grid) and substrate and (tunable or adjustable or mov\$5)) (((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)) and (anode and cathode and (grid or gate))) ((vacuum adj2 tube) or (vacuum adj2 microtube) or (vacuum adj2 microelectronic adj tube)).ti.))) and amplifier) and (vacuum with tube)) and (anode and cathode and (gate or grid))) and (resilient or spring or tunable or adjustable or mov\$5)) and (substrate and emitter)) and actuator	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/19 18:48
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-	1172	(vacuum adj microtube) or (vacuum adj microelectronic adj tube) or (grid\$4 adj vacuum adj tube) or (microwave adj tube)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/20 14:23
-	12	((carbon adj nanotube) ((vacuum adj microtube) or (vacuum adj microelectronic adj tube) or (grid\$4 adj vacuum adj tube) or (microwave adj tube))) and ((spac\$4 or distanc\$4) with (gate or grid\$4) with (tunable or adjust\$4 or mov\$5))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/20 14:24
-	6	((carbon adj nanotube) ((vacuum adj microtube) or (vacuum adj microelectronic adj tube) or (grid\$4 adj vacuum adj tube) or (microwave adj tube))) and ((spac\$4 or distanc\$4) with (gate or grid\$4) with (tunable or adjust\$4 or mov\$5))) not ((carbon adj nanotube) and ((spac\$4 or distanc\$4) with (gate or grid) with (tunable or adjust\$4 or mov\$5)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/20 14:29
-	15	((carbon adj nanotube) ((vacuum adj microtube) or (vacuum adj microelectronic adj tube) or (grid\$4 adj vacuum adj tube) or (microwave adj tube))) and ((gate or grid) with (relent or actuator or spring))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/20 14:30

-	4078	(carbon adj nanotube) ((vacuum adj microtube) or (vacuum adj microelectronic adj tube) or (grid\$4 adj vacuum adj tube) or (microwave adj tube))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/20 15:02
-	6	((carbon adj nanotube) ((vacuum adj microtube) or (vacuum adj microelectronic adj tube) or (grid\$4 adj vacuum adj tube) or (microwave adj tube))) and (vacuum adj3 microtube)	USPÄT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/20 15:08
-	4	((carbon adj nanotube) ((vacuum adj microtube) or (vacuum adj microelectronic adj tube) or (grid\$4 adj vacuum adj tube) or (microwave adj tube))) and (vacuum adj3 microtube)) and (anode and cathode and (gate or grid))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/05/20 15:08